

## EAST Search History

| Ref # | Hits   | Search Query  | DBs                             | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|---------------------------------|------------------|---------|------------------|
| S1    | 58522  | (expression or math or matri\$3) same (geometric\$3 or graphic\$2 or object\$2 or shape\$2)   | USPAT                           | OR               | OFF     | 2007/05/14 09:56 |
| S16   | 22824  | (crotty dooling moran williams).in.   | USPAT                           | OR               | OFF     | 2007/05/01 15:20 |
| S17   | 404675 | (crotty dooling moran williams).in.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2007/05/01 15:20 |
| S18   | 23560  | ibm.as.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2007/05/01 15:22 |
| S19   | 166324 | (circuit electronic resist\$4 capacit\$4 transistor) same (data value numer\$5) same (object shape )                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2007/05/01 15:24 |
| S20   | 17511  | (circuit electronic resist\$4 capacit\$4 transistor) same (grid layout graph) same (object shape )                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2007/05/01 15:25 |
| S21   | 868808 | (data numer\$4 value) same (object shape )  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2007/05/01 15:25 |
| S22   | 8048   | S20 and S21   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2007/05/01 15:28 |
| S23   | 615510 | circuit\$4 near6 (value data numer\$6)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2007/05/01 15:45 |
| S24   | 158176 | S21 and S23   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2007/05/01 15:29 |
| S25   | 1186   | 345/440.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2007/05/01 16:12 |
| S26   | 118    | S24 and S25   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2007/05/01 15:29 |
| S27   | 5014   | circuit\$4 near6 (measur\$6) near5 (graphic object shape primitive)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2007/05/01 15:46 |
| S28   | 0      | S25 and S27   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2007/05/01 15:46 |
| S29   | 291826 | ((circuit\$4 electronic\$4 equipment component resist\$4 capacit\$4 transistor) near6 (measur\$5 value data numer\$4 number\$4)).clm. | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2007/05/01 15:49 |

## EAST Search History

|     |          |  |                                 |    |    |                  |
|-----|----------|--|---------------------------------|----|----|------------------|
| S30 | 70295    | ((shape geometric graphic object) near6 (measur\$5 value data numer\$4 number\$4)).clm.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/05/01 16:05 |
| S31 | 12515    | S29 and S30  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/05/01 15:49 |
| S32 | 51       | S25 and S31  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/05/01 15:49 |
| S33 | 427284   | ((circuit\$4 electronic\$4 equipment component resist\$4 capacit\$4 transistor) same (measur\$5 value data numer\$4 number\$4)).clm. | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/05/01 16:11 |
| S34 | 61       | S33 and S30 and S25  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/05/01 15:50 |
| S35 | 10       | S34 not S32  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/05/01 15:50 |
| S36 | 10050054 | @ad<"19990104" @rlad<"19990104"  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/05/01 16:12 |
| S37 | 26       | S34 and S36  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/05/01 15:51 |
| S38 | 88181    | ((shape circle circular box square geometric graphic object) near6 (measur\$5 value data numer\$4 number\$4)).clm.                   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/05/01 16:11 |
| S39 | 22370    | S38 and S33  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/05/01 16:06 |
| S40 | 67       | S25 and S39  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/05/01 16:06 |
| S41 | 31       | S36 and S40  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/05/01 16:06 |
| S42 | 34372    | ((shape circle circular box square geometric graphic object) near6 (measur\$5 value data numer\$4 number\$4)).clm.                   | US-PGPUB                        | OR | ON | 2007/05/01 16:11 |
| S43 | 149442   | ((circuit\$4 electronic\$4 equipment component resist\$4 capacit\$4 transistor) same (measur\$5 value data numer\$4 number\$4)).clm. | US-PGPUB                        | OR | ON | 2007/05/01 16:11 |
| S44 | 325      | 345/440.ccls.  | US-PGPUB                        | OR | ON | 2007/05/01 16:12 |

## EAST Search History

|     |       |   |          |    |    |                  |
|-----|-------|---|----------|----|----|------------------|
| S45 | 84075 | @ad<"19990104" @rlad<"19990104"                         | US-PGPUB | OR | ON | 2007/05/01 16:12 |
| S46 | 0     | S42 and S43 and S44 and S45                             | US-PGPUB | OR | ON | 2007/05/01 16:12 |
| S47 | 38095 | ((physical electrical) and circuit\$4).<br>clm.         | US-PGPUB | OR | ON | 2007/05/14 09:59 |
| S48 | 2865  | (value same shape).clm.                                 | US-PGPUB | OR | ON | 2007/05/14 09:59 |
| S49 | 2243  | (shape\$2 same (grid graph\$4)).clm.                    | US-PGPUB | OR | ON | 2007/05/14 10:01 |
| S50 | 9     | S47 and S48 and S49                                     | US-PGPUB | OR | ON | 2007/05/14 10:00 |
| S51 | 12462 | ((display\$4 visual\$4 ) near6 (grid<br>graph\$4)).clm. | US-PGPUB | OR | ON | 2007/05/14 10:00 |
| S52 | 1     | S50 and S51   | US-PGPUB | OR | ON | 2007/05/14 10:00 |
| S53 | 2753  | ((shape\$2 geometr\$4) same (grid<br>graph\$4)).clm.    | US-PGPUB | OR | ON | 2007/05/14 10:01 |
| S54 | 603   | S51 and S53   | US-PGPUB | OR | ON | 2007/05/14 10:01 |
| S55 | 46    | S54 and S47   | US-PGPUB | OR | ON | 2007/05/14 10:01 |
| S56 | 1     | S48 and S55   | US-PGPUB | OR | ON | 2007/05/14 10:01 |